Borehole _	27 <del>-161</del> -5			
50.00.0	1	2	•	
2222		-4		

## Log of Borehole

Project	·	ndenber	<u> </u>		8	Hole De	pth	feet	SIANI	FINISH
Location Site #27 395A						Hole D	Date 8/8/87	8/9/87		
Geologic Log by C. Woods						Depth to Water 57.8 feet Time 1220				1030
Driller Fred Carey (Beylik) Rig CME 55 ATV									How Left	Locked.
Drilling	Metho	d Hol	lov-stes	Auger		Bit(s) Finger-tooth Auger Bit above-gro				
Weather Partly Cloudy/75 degrees F TOC Elevation 374.0 feet well compl										letion.
Pene. Sample					nple	Geologic and Hydrologic Description				
Depth	Blow		Hole	#	Inter-	Lith.			<del>'</del>	% Core
- 0 -	Cts				val	Symbol				Recovery
	<del> </del>									
					<b> </b>			•		
<del></del>	2,4,5	4.2	0.0		34-5					
<b>-</b> 5-					-		31:1-51:	Sand, very well grained, quartz	with some	100%
	<b> </b>	<del>                                     </del>			<del></del>			feldspar, very r few RX fragment	tinor fines,	
								subangular, qua	rtz, strong	
								brown (7YR 5/8).	(SP)	
-10	2,3,6	2.8	0.0		8 <sup>1</sup> 3-10		8 <b>5'-10</b> :	Sand, same as a	bove, chert	100%
<b></b> -					ļ			fragments, cher reddish brown	t is dark	
					<u> </u>			sample is ver	y slightly	
			<del> </del>	<del> </del>				moist, very lit (SP)	tie quartz.	
	7, 9, 13	1.8	0.0		134-15			_		
— 15 —	7.7.3	1	- 0.0	<del>                                     </del>	137-13		135'-15':	more quartz,	very well	100%
								sorted, reddish 5/8), bottom of	yellow (5YR	
								mottled appear	suce, very	
<b></b>	-							clean. (SP)		
—20 —	17, 20	32	1.8	5605	184-20		185'-20':	Sand, same as	bove except	100%
<del> </del> -	<del> </del>	·	·	<u> </u>	<u> </u>			medium fine gr clean, quartz, m	ained. verv	
	-			<del> </del>	<del> </del>			low (7YR 6/6), m	oist. (SP)	
	<del>                                     </del>	<del>                                     </del>		<del>                                     </del>	<del> </del>					
-25	76, 20	11	5.6	5606	234-25		235'-25':	Can do a serie	_	
			<u> </u>				4J7 -43 1	clean, yellowish	brown (10YR	90%
								5/4). (SP)	• • • • • •	
<u> </u>										
<b> </b>	1.5									
<b>—30</b> —	15;35	10			284-10		285'-30':	Sand, same as ab	ove. (SP)	1004
<b> </b>	<del> </del>	<del> </del>	<u> </u>		<b> </b>		334'-35':			
<b> </b>	<del> </del>	<del> </del>		<del> </del>	<b> </b>		•	more moist, v	erv clean.	
	<del> </del>		<del> </del>	<b> </b> -				rounded-subangul feldspar, compa	ct, vellow	
35 _	13. 18		0.0				·	(10YR 7/6). (SP	)	
		nd 1.8pr	<del></del>	Ь	133 <u>1-35</u>	100000000000000000000000000000000000000	L			1004

Borehole 27-151-5

## Log of Borehole

2 2

LocationSite_827_395A         I2" Hole Depth75_feet         Date_8/8/878/9/87           Geologic Log byC. Woods         Depth to Water57.8 feet         Time_12201030           DrillerFred Carey (Beylik)         RigCHE_55_ATV         How LeftLocked,	Project Vendenberg					_   .	8" Hole Depth START FI				FINISH
Drilling   Method   mollow-stem Auger   Siles   Finger-tooth Auger Sit   Mow Left   Locked,   above-ground   wall committee.	LocationSite #27 395A									Date 8/8/87	8/9/87
Depth   Sale   Depth   Sale   Depth   Sale   Depth   Sale   Depth	Geologic Log by C. Woods					_ [ 1				Time 1220	1030
Pene, Rate   DoyA   Cody/75 degrees   TOC Elevotion 374.0 feet   Vali completion	Driller Pred Carey (Beylik)						· · · · · · · · · · · · · · · · · · ·				Locked,
Depth   Rate   Rate   Sample   Geologic and Hydrologic Description	Drilling Method Mollow-stem Auger						Bit(s) 71n	md			
Depth Blow Sample Hole g Inter- Cls Sample Hole g Inter- Symbol Recovery  384'-40': Samd, fine to vary fine grained, vary well sorted, class, minor quarts, coses, professinately quarts,	Weath	01 <u>P</u>	irtly Cl	outy/75	de gree	15 T	TOC Elevation 374.0 feet well complete				letion.
Sample   Hole   g   Inter-   Lith   Symbol			0447	014	San	nple	Geologic and Hydrologic Description				
381, -40': Sand, fine to vary fine grained, very well sorted, clean, sinor quarts compact, very pale broom (1977 744), slightly maist. (EP)  431, -45': Sand, fine to vary fine, predominately quarts, compact, very pale broom (1977 744), slightly maist. (EP)  431, -45': Sand, fine to vary fine, same as above, very quarts, strong brown (7.57R 5/8).  (EP)  481, -50': Clay, pinkish gray (57R 100)  481, -50': Clay, pinkish gray (57R 100)  772). (CL)  531, -55': Sand, very poorly sorted, pabbly, rounded pabbles, cherty, no quarts, dark brown (7.57R 4/2), slightly moist. (EP)  60 18:23 1.2 0.0 501-60 501-65 501-65': Sand, very clayey, pabbly, similar to above, brown (77R 5/2), vet. (EP)	Depth	Blow	Sample	Hole	Hole	*	inter	- Lith.	% Core		
100   100	35	Cts				val	Symbol		Recovery		
grained, very well sorted, cleam, minor quarts sones, predominately quarts, compact, very pale broom (10TK 7/4), slightly modet. (EP)  45 25;10 10 1.0 431-45  431-45': Sand, fine to very fine, see as above, very quarts, strong brown (7.5TK 5/8). (EP)  50 27:25 8.2 3.6 481-50  481-50': Cley, pinkish gray (5TR 1001 7/2). (CL)  531-55': Sand, very poorly sorted, public, rounded publics, cherty, no quarts, dark brown (7.5TK 4/2), slightly modet. (EP)  51 1.2 10.0 3.2 531-55  531-55': Sand, very poorly sorted, public, rounded publics, cherty, no quarts, dark brown (7.5TK 4/2), slightly modet. (EP)  52 23 1.2 0.0 591-50 581'-60': Sand, very clayey, public, similar to above, brown (7TR 5/2), vet. (EP)  531-65': Sand, same as above except very poorly sorted, clay mix. (EP)	•					<u> </u>	_				
grained, very well sorted, cleam, minor quarts somes, predominately quarts, compact, very pale broom (10TA 7/4), slightly modet. (EP)  45 25;10 10 1.0 431-45  431-45': Sand, fine to very fine, same as above, very quarts, strong brown (7.5TA 5/8). (EP)  50 27:25 8.2 3.6 481-50  481-50': Clay, pinkish gray (5TR 1001 7/2). (CL)  531-55': Sand, very poorly sorted, pubbly, rounded pubbles, cherty, no quarts, dark brown (7.5TA 4/2), slightly modet. (EP)  531-55': Sand, very clayey, pebbly, similar to above, brown (7TR 5/2), vet. (EP)  531-55': Sand, same as above except very poorly sorted, clay mix. (EP)				•		<del> </del>	-				
grained, very well sorted, cleam, minor quarts somes, predominately quarts, compact, very pale broom (10TA 7/4), slightly modet. (EP)  45 25;10 10 1.0 431-45  431-45': Sand, fine to very fine, same as above, very quarts, strong brown (7.5TA 5/8). (EP)  50 27:25 8.2 3.6 481-50  481-50': Clay, pinkish gray (5TR 1001 7/2). (CL)  531-55': Sand, very poorly sorted, pubbly, rounded pubbles, cherty, no quarts, dark brown (7.5TA 4/2), slightly modet. (EP)  531-55': Sand, very clayey, pebbly, similar to above, brown (7TR 5/2), vet. (EP)  531-55': Sand, same as above except very poorly sorted, clay mix. (EP)						<b>-</b>	-				
grained, wary well sorted, clean, minor quartz sones, predominately quartz, cospect, very pale brown (107R 7/4), slightly moist. (EF)  434'-45': Sand, fine to very fine, same as above, very quartz, strong brown (7.57R 5/8).  (SP)  484'-50': Cley, pinkish gray (STR 7/2). (CL)  534'-55': Sand, very poorly scrtted, pebbly, rounded pebbles, cherty, no quartz, dark brown (7.57R 4/2), slightly moist. (SP)  60 - 10':23 1.2 0.0 50'-50  584'-50': Sand, very clayey, pebbly, similar to above, brown (77R 5/2), vet. (SP)  534'-55': Sand, same as above except very poorly sorted, clay mix. (SP)	70 -	6, 20	0.0	0.0	5607	385-4	0	385'~40':	Sand, fine to	wary fine	1003
pred. vary pale brown (10TR 7/4), slightly moist. (EP)  45							_		grained, very	well sorted.	
7/4), alightly moist. (gp)  43\frac{1}{3}\frac{1}\frac{1}{3}\frac{1}{3}\frac{1}{3}\frac{1}{3}\frac{1}{3}\frac{1}{3}\frac{1}{3}\frac{1}{3}\frac{1}{3}\frac{1}{3}\frac{1}{3}					<u> </u>	<del> </del>	-		predominately (	warts. com-	
Shi   Sand, Time to vary fine, same as above, vary quarte, strong hrown (7.5TR 5/8).					<del>                                     </del>	├──	-		7/4), slightly:	solst. (SP)	
### ### ##############################	45	25; 30	10	1.0		435-4	I I	435'~45';	Sand, fine to	warw fine	1000
SP   SP   SP   SP   SP   SP   SP   SP		<b> </b>							same as above,	VECY CHARTE.	1001
1009   1009					<b></b> -	<u> </u>	-777777		(SP)	(7.51K 3/8).	
1009   1009						<b> </b>	-{////				
7/2). (CL)  7/2). (CL)  7/2). (CL)  7/2). (CL)  7/2). (CL)  7/2). (CL)  531, 12 10.0 3.2 531-55  531, -55': Sand, very poorly sorted, pebbly, rounded pebbles, cherty, no quarts, dark brown (7.578 4/2), slightly moist. (SP)  -60 10, 23 1.2 0.0 561-60 511 581 561: Sand, very clayey, pebbly, similar to above, brown (778 5/2), wet. (SP)  -65 12, 15 10 0.0 631-65  631, -65': Sand, same as above except very poorly sorted, clay mix. (SP)	_50 _	29; 25	8.2	3.6		484-5	50////	485'-50':	Clay ninkish		1000
pebhly, rounded pebbles, cherty, no quarts, dark brown (7.5YR 4/2), slightly noist. (SP)  -60 10:23 1.2 0.0 504-60 11:584-60 12:584-60 13:584-60 1									7/2). (CL)	At a A (21X)	1001
pebhly, rounded pebbles, cherty, no quarts, dark brown (7.5YR 4/2), slightly noist. (SP)  -60 10:23 1.2 0.0 504-60 11:584-60 12:584-60 13:584-60 1	<del> </del>	<u> </u>		<u> </u>	ļ		_{////				
pebhly, rounded pebbles, cherty, no quarts, dark brown (7.5YR 4/2), slightly noist. (SP)  -60 10:23 1.2 0.0 504-60 11:584-60 12:584-60 13:584-60 1		<del>                                     </del>			├─	-	_				
pebhly, rounded pebbles, cherty, no quarts, dark brown (7.5YR 4/2), slightly noist. (SP)  -60 10:23 1.2 0.0 504-60 11:584-60 12:584-60 13:584-60 1	_55 _	11, 12	10.0	3.2	<del>                                     </del>	533-5	55	5341-551.	Sand warm and		
									pebbly, rounds	d pebbles.	100%
10.23 1.2 0.0 584-60 2: :: 584: -60 : Sand, very clayer, pebbly, similar to above, krown (7YR 5/2), wet. (SP)  -65 12.15 18 0.0 634-65 634: -65': Sand, same as above except very poorly sorted, clay mix. (SP)	<b> </b>					ļ	_		brown (7.5YR 4/	uarts, dark 2), slightly	
similar to above, brown (7YR 5/2), vet. (SP)  63\frac{1}{2}\cdot 15  is and, same as above except very poorly sorted, clay mix. (SP)	<del> </del>	<del> </del>	<del> </del>	<del> </del>		<del> </del>	-		moist. (SP)		
similar to above, brown (7YR 5/2), vet. (SP)  63\frac{1}{2}\cdot 15  is and, same as above except very poorly sorted, clay mix. (SP)		18:23	1.2	0.0		5046		SALILEAT.	ema		
5/2), vet. (SP)  -65 - 12.15 NA 0.0 631-65 631'-65': Sand, same as above except very poorly sorted, clay mix. (SP)								-01.1	similar to above	brown (7YR	1000
very poorly sorted, clay mix. (SP)	<del> </del>	<del> </del>	ļ						5/2), wet. (SP)		
very poorly sorted, clay mix. (SP)	<b> </b>	<del> </del>	<del> </del>	<del> </del>		├	-				
very poorly sorted, clay mix. (SP)		12, 15	100	0.0	<del></del>	621-	-	cal t can			<b></b>
mix, (SP)	L.,					0.7-0	2	03765.1	ASTA bootsh *	above except	
75': Total depth, no sample taken.	<u></u>	ļ							mix. (SP)		
75': Total depth, no sample taken.		<del> </del>	<del> </del>	<del> </del>	ļ	<del> </del>	_				
Sample Caken.		<del>                                     </del>	<del> </del>	<del> </del>	<del> </del>	<del>                                     </del>	-	75':	Total depth. ma	Esmala dele-	
				·	<del></del>		-				